

What is claimed is:

1. A cooling apparatus for electrical equipment, comprising:

a heat sink including a gate-shaped frame having a flat section and side sections located respectively on both sides of said flat section, fins formed on said frame, and a fan guard mounting hole formed in said side section of said frame;

a cooling fan having an engaging groove in each side section of said cooling fan; and

a gate-shaped fan guard including a fan guard body and side plates located respectively on both sides of said fan guard body, wherein said fan guard body includes a grille section, said side plates including a shroud section at the rear end portion of each side plate, said side plates being provided with a fan mounting/engaging protrusion for clamping and engaging said cooling fan, on the inner surface of said side plate, said side plates including a protrusion supporting section having an engaging protrusion for mounting said fan guard to said heat sink, in the outer surface of said side plate.

2. A cooling apparatus for electrical equipment as defined in claim 1, wherein said grille section of said fan guard includes a side surface arranged in the circumferential direction of said grille section, wherein said side surface is slanted along the direction of a cooling airflow.